

# KPT-1200M

AESTHETIC DESIGN 2-WAY SURROUND SPEAKER



# Klipsch®

KLIPSCH PROFESSIONAL | CINEMA | DATA SHEET



## PRODUCT OVERVIEW

The Klipsch KPT-1200M is a solid, high-style, lightweight surround speaker equally suited for on-wall or ceiling-mount applications to deliver lifelike movie going experiences exactly the way the artists intended. Built to provide premium surround sound in medium to large venues and, like all Klipsch Cinema Surround speakers, it perfectly timbre-matches Klipsch behind-screen systems. Exclusive Tractrix® Horns with added ellipses or “mumps” enhance full-frequency dispersion while their high efficiency reproduces every detail with low-distortion clarity. Designed for flexible ceiling or side-wall placement in multiple size venues.

KPT-1200M is ideally suited for the demands of the newest immersive digital surround sound formats. The solid, molded cabinet design provides an attractive, contemporary look that blends perfectly with today's high-style venues with pre-drilled holes to fit industry-standard mounting brackets for fast, easy and secure installation. Mounted flush on a vertical surface (wall) produces an 8° downward firing angle while the included insert adds an additional 7° of angle for a total of 15°. Klipsch SB-6 and SB-7 mounting brackets are recommended for side-wall mounting while an approved third-party bracket can easily be utilized for ceiling mounting.

## FEATURES

- 12" (30.48cm) woofer with a 2" (5.08cm) voice coil
- 1.75" (4.45cm) titanium high-frequency compression driver
- 90° x 90° Tractrix® horn with patent elliptical inserts
- Built-in 8° downward angle with 15° angle option
- 1/4 - 20 UNC 2A threaded inserts to accommodate optional Klipsch or industry standard brackets

## SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	66 Hz - 20 kHz (-10 dB @ 47 Hz)
<b>POWER HANDLING<sup>2</sup></b>	AES: 113 watts (30V) 40 Hz - 10 kHz IEC: 200 watts (40V)
<b>MAXIMUM SPL<sup>3</sup></b>	122 dB 128 dB peak
<b>SENSITIVITY<sup>4</sup></b>	99 dB @ 2.83V
<b>COVERAGE</b>	Horizontal: 90° +20°/-15° 1 kHz - 20 kHz Vertical: 90° +10°/-45° 2 kHz - 20 kHz
<b>DIRECTIVITY INDEX (DI)</b>	8 dB +/- 1 dB 1 kHz - 20 kHz
<b>DIRECTIVITY FACTOR (Q)</b>	6.3
<b>NOMINAL IMPEDANCE</b>	8 ohms, minimum 4.4 ohms @ 147 Hz
<b>CROSSOVER FREQUENCY</b>	2 kHz
<b>COMPONENTS</b>	One K-28-ST 12" (30.48cm) woofer One K-70-G 1.75" titanium compression driver on a K-801-M horn
<b>INPUT CONNECTION</b>	Four point barrier strip
<b>MOUNTING OPTIONS</b>	2 screw: 1/4" x 20 Machine screw for SB-102 Bracket
<b>ENCLOSURE MATERIAL</b>	10% Glass injected ABS cabinet
<b>GRILLE</b>	Powder Coated Steel
<b>HEIGHT</b>	22.5" (57.2cm)
<b>WIDTH</b>	18.2" (46.2cm) top 16" (40.6cm) bottom
<b>DEPTH</b>	10.2" (25.9cm) top 7.3" (18.5cm) bottom
<b>WEIGHT</b>	33 lbs. (14.97kg)
<b>TILT</b>	Built-in 8° downward angle with 15° angle option
<b>SAFETY CABLE INSERT</b>	3/8" 1/4 - 20 threaded
<b>ACCESSORIES</b>	SB-6 Mounting Bracket SB-7 Mounting Bracket SB-9 Mounting Bracket

<sup>1</sup> 3M, Half-space anechoic  
<sup>2</sup> AES Standard, continuous pink noise, 6dB peaks, 40Hz-10KHz  
IEC: 60268-1 noise signal for 2 hours  
<sup>3</sup> Calculated at 1M half-spaced at IEC power handling power input  
<sup>4</sup> SPL at 1M, half spaced anechoic 40Hz-10KHz